EXHIBIT A



United States Patent and Trademark Office

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 23, 2004

PTAS

ORRICK, HERRINGTON & SUTCLIFFE LLP JAMES W. GERIAK 4 PARK PLAZA, SUITE 1600 IRVINE, CA 92614



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/19/2003

REEL/FRAME: 014526/0687

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CARLEY, MICHAEL T. ~

DOC DATE: 06/03/2003

ASSIGNOR:

GINN, RICHARD S. ✓

DOC DATE: 07/09/2003

ASSIGNOR:

SAGASTEGUI, JAVIER ✓

DOC DATE: 06/03/2003

ASSIGNOR:

JABBA, RONALD J.

DOC DATE: 06/03/2003

ASSIGNOR:

ALDRICH, WILLIAM N. 1

DOC DATE: 06/16/2003

ASSIGNOR: ORRICK IP PROSECUTION

BELEF. W. MARTENE DOILE 19/9/00 DOC DATE: 06/03/2003

Action Item Status (UIII)

Resp Atty (100)

Docketed by MYND

Entered 4129104 -

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

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PAGE 9/14 * RCVD AT 9/20/2005 3:19:29 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/25 * DNIS:2738300 * CSID:8013281707 * DURATION (mm-ss):03-46

.014526/0687 PAGE 2

ASSIGNEE:

INTEGRATED VASCULAR SYSTEMS, INC. 743 PASTORIA AVE. SUNNYVALE, CALIFORNIA 94086-2918

SERIAL NUMBER: 10667144

PATENT NUMBER:

FILING DATE: 09/19/2003

ISSUE DATE:

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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CRAN_PTO-1956 RECURE 09 - 30 - 2003 Tus. Depart Helm' 5F COMMERCE Patents and Trademark Office Rev. 1002 Patents and Trademark Office Patents & Trad To the Hon. Commissioner of Patents & Trad 1. Name of conveying party(ies): To the Hon. Commissioner of Patents & Trad 1. Name of conveying party(ies): To the Hon. Commissioner of Patents & Trad 1. Name of conveying party(ies): To the Hon. Commissioner of Patents & Trad 1. Name and address of receiving party (ies) Name Integrated Vasculiar Systems, Inc. Internal Address: _743 Pastoria Ave. Street Address: _744				TARABE AF COMMERCE	
ATTORNEY DOCKET NO. 701879.8 To the Hon. Commissioner of Patents & Trads 1. Name of conveying party(ies): Michael T. Carley, Richard S. Ginn; Javier Sagastegil; Ronald J. Jabba; William N. Aldrich; and W Martin Belef Madditional name(s) of conveying party(ies) attached? Yes Name Integrated Vasculer Systems, Inc. Internal Address: 743 Pastoria Ave. Street Address: Sunnwale, CA 940;6-2518 City: State ZiP Discrete State ZiP State ZiP State ZiP Discrete State ZiP State State State ZiP State State State ZiP State State ZiP State State ZiP State State ZiP State ZiP	LOUGHT 10-1000	^C 09-3	0-2003		
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Street Address: 4 Park Plaza, Suite 1600 City: Irvine State CA ZIP 92614 Attn: James W. Geriak 29/2003 DITRIE 00000182 150665 10667144 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. James W. Geriak Name of Person Signing Name of Person Signing State 1600 Authorized to be charged to deposit account number: (Anthorized to be charged to deposit account number: (Anthorize	Name Orrick, Herrington & Sutcliffe LLP		7. Total tee (37 CFR 3.41)	<u></u>	
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Name of Person Signific Signature	Jaines W. Geriak				
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Mail documents to be recorded with required cover sheet information to:

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Patent
()rrick No. 701879.8
(Former L&L 260/099)

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, MICHAEL T. CARLEY, a citizen of UNITED STATES, RICHARD S. GINN, a citizen of UNITED STATES, JAVIER SAGASTEGUI, a citizen of UNITED STATES, RONALD J. JABBA, a citizen of UNITED STATES, WILLIAM N. ALDRICH, a citizen of UNITED STATES, and W. MARTIN BELEF, a citizen of UNITED STATES, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM for which application for Letters Patent of the United States of America has been filed on February 21, 2002, assigned Serial No. 10/(181,726; and

WHEREAS, INTEGRATED VASCULAR SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its place of business at 743 Pastoria Avenue, Sunnyvale, California 94086-2918 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or ary legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and DOCSOCI-111424.1

L01879-02600992 XLYON

Patent Crrrick No. 701879.8 (Former L&L 260/099)

ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Sunnyvale, California, this 3 day of June 2003.
Michael of lary
MICHAEL T. CARLEY
WITNESS my hand at Sunnyvale, California, this

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Patent
Ornick No. 701879.8
(Forner L&L 260/099)